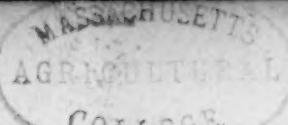


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No. 1.

Contributed Articles.

On Important Aparian Subjects.

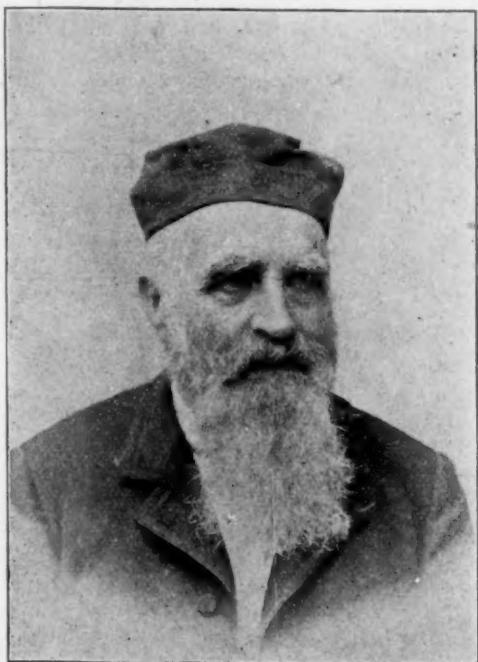
The Production of Extracted Honey.

The first in a series of articles on the subject.

BY CHAS. DADANT.

Until about 30 years ago there were but three ways of harvesting honey, viz.: by smothering the bees with brimstone burning under the hives to get the entire contents of the box; by driving out the bees for the same purpose; and by placing caps, or boxes, on the top of the hives, to secure the surplus honey.

The smothering of bees, which has been practiced for thousands of years, is yet carried on in some parts of Europe.



CHAS. DADANT.

Even not far from Paris, the center of civilization and refinement, in Gatinais—a district where the sainfoin (literal translation, "healthy hay"), or French grass, is as extensively cultivated as timothy and clover in North America—this custom of the dark ages seems to still prevail with quite a number of people.

Every spring these bee-keepers of Gatinais purchase colonies in box or straw hives—swarms of the previous year. These purchases extend several hundred miles away, and the colonies are sent, by carloads, to the Gatinais apiaries, where the bees are brimstoned as soon as the hive has been filled on the flowers of the sainfoin. As there are two varieties of this



C. P. DADANT.

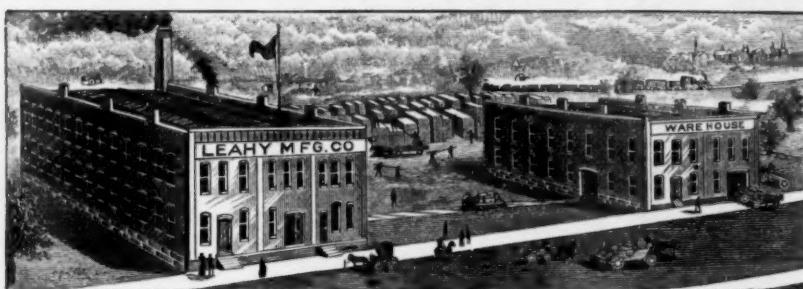
plant, one blooming a little later than the other, it gives a large quantity of honey, unsurpassed in quality. It is to be much regretted that this good honey and forage leguminous plant cannot be grown successfully here. Was it ever tried in the West—in Colorado, California, or Oregon?

The profits thus obtained by the producers of the swarms, and by the slaughterers of the bees, are so large that they delay the introduction of movable-frame hives in the villages where these customs prevail.

After the bees have been killed, the combs are cut out of the hives and sorted. Then each grade is put into a solar honey-extractor, or in a tin box, subjected to a high temperature. After a few days, the honey having been drawn out, the remaining combs are put under a powerful press, to obtain what little honey may remain in the wax.

The second method employed—that of driving out the

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Index to Vol. XXXV.

SUBJECTS.

About lived on honey.....	667
Absconding swarms.....	442
Acorn-tea.....	77
"Admiral queens.....	25
Alkalization of beeswax.....	190, 269, 525, 551, 776
Adulteration of honey.....	34, 106, 179, 206, 241, 295, 349, 412
Advert sing the honey-business.....	461
After-swarms.....	274, 486, 589
Age of bees.....	789
Alfalfa.....	94, 218, 637, 667, 681, 750, 752, 775
Alisike clover.....	55, 157, 160, 218, 237, 253, 426, 540, 573
American bee-editors.....	742
Amount gathered by bees in a day.....	478
Amount of honey used by a colony in a year.....	483
Another mile-post reached.....	24
Ants and ant preventives.....	278, 370, 478, 569, 736
Apianrian exhibits at Fairs.....	519
Apianrian statistics.....	508
Apicultural literature.....	90, 104, 149, 154, 224
Apis dorsata.....	25, 284, 431, 473, 558, 664
Appeal to Wisconsin bee-keepers.....	736
Apple Juice.....	683
Apples for dyspepsia.....	61
Art vs. Nature in Apiculture.....	282
Asbestos for hive-lining.....	87, 271
Aspinwall super.....	431
Atter.....	507, 640
Atmospheric conditions.....	827
Average yield of honey.....	349, 550
Ax-out.....	29
Bait sections.....	355
Balling queen.....	201, 424
Banner colony.....	78
Barrels for extracted honey.....	173
Basswood seed—planting it.....	622
Basswood—planting it.....	426, 473
Bee-associations.....	714
Bee-book or bee-paper—which for the beginner?.....	12
Bee-cells.....	208, 509
Bee-culture fairly profitable.....	456
Bee-culture recognized.....	701
Bee-disen-ses North and South.....	551
Bee-escapes.....	38, 89, 221, 329, 373, 502, 583, 605, 650
Bee-forage.....	635
Bee for business.....	148
Bee-hives for farmers.....	747
Bee-keepers and apiarists.....	734, 759, 793, 823
Bee-keepers called "bar-keepers".....	41
Bee-keepers' entertainment.....	26
Bee-Keepers' Union.....	3, 136, 268, 518
Bee keeping a specialty.....	270, 346
Bee-keeping for ministers.....	735
Bee-keeping for women.....	50
BEE-KEEPING IN	
Alabama.....	13, 192
Arizona.....	708
Bermuda Islands.....	327
California.....	19, 111, 115, 239, 247, 376, 566, 584, 673, 710, 717, 744, 750
China.....	555
Colorado.....	232
Cuba.....	19
East Tennessee.....	52, 53, 197, 674
Europe.....	272
Florida.....	67, 167, 182, 184, 185, 592
Iowa.....	208
Kansas.....	306
Louisiana.....	413
Maine.....	179, 576
Manitoba.....	46, 316
Mexico.....	203, 351
Minnesota.....	415
Mississippi.....	226
Missouri.....	337
Montana.....	370, 448
Moravia.....	704
Nebraska.....	639
Nevada.....	795
New Mexico.....	135, 287, 336, 47
North Carolina.....	272, 449
North Dakota.....	30, 127
Northern Georgia.....	235
Northern Wisconsin.....	236
Northwest Canada.....	42
Nova Scotia.....	751
Ontario.....	25
Oregon.....	562
Pennsylvania.....	718
Philadelphia.....	49, 534
Piedmont, Va.....	263
Silesia.....	749
Sweden.....	57
Switzerland.....	648
Tennessee.....	94, 306, 429
Texas.....	558
The South.....	234
Virginia.....	304, 643
Washington.....	78, 305, 547, 593, 673
West Virginia.....	369
Bee-keeping on a small scale.....	318
Bee-killer.....	480
Bee-literature of to-day—expert opinions.....	579
Bee-paralysis.....	34, 39, 89, 114, 118, 132, 18 ¹ , 215, 224, 265, 322, 349, 364, 374, 458, 460, 464, 471, 587
Bee-pasturage or forage.....	389, 442
Bees and fruit.....	760
Bees and fruit-bloom.....	390, 744
Bees and grapes.....	476
Bees and pollen.....	527
Bees and strawberries.....	180, 230, 254, 283, 320, 327, 336, 342, 374, 383, 408, 422, 439, 440, 454, 458, 465, 470, 635, 711
Bees and their honey.....	329
Bees as incubators.....	66
Bees by the pound.....	166, 206, 649
Bees eating in winter confinement.....	718
Bees eating in winter quarters.....	783
Bees fighting.....	584
Bees fluttering on the ground.....	201
Bees flying in confinement.....	21
Bees for the harvest.....	277
Bees for wintering.....	264
Bees from the South.....	270
Bees good-natured in the shade.....	227
Bees hived out.....	296
Bees shed for winter.....	7
Bees in a box.....	207
Bees in other days and other climes.....	28
Bees in snow.....	413
Bees in the orchard.....	236
Bees mixing different honeys.....	82
Bees moving and stealing eggs.....	117, 132, 264, 370, 424
Bees opening queen-cells.....	633
Beespace between frames and cushion.....	714
Beestinging and cures.....	334, 345, 361, 430, 441, 544, 546
Beestory with a moral.....	759
Bees ventilating.....	441
Bees-warming hours.....	558, 583
Beeswax.....	103, 100, 522, 633, 776
Bee sugar and China sugar.....	587
Bee-vells.....	470, 773
Bermuda Isles.....	695
Best bees for comb honey and extracted.....	41
Best bees—securing them.....	349
Best form for a hive.....	269
Best honey.....	754
Best use of wood-chambers.....	598
Best use of hires.....	589
Big bees that improved themselves.....	391
B g box-hives.....	422
Birds and bees in the orchard and garden.....	4
Bits of experience.....	232, 247, 261
Bitter honey.....	234, 239
Black gum.....	187
Blacks and Italians.....	35, 171, 230, 681
Black vs. the yellow bees.....	819, 834
Blamed the bees.....	154
Bleaching beeswax.....	397
Blue and the gray.....	341
Blue vervain.....	544
Boll treatment.....	29
Bottom-boards.....	522, 624, 664
Box-ton-board feeding.....	253
Box-hives.....	208
Boys, bees and bear.....	154
Brace and burr combs.....	94, 416, 618, 819
Breeding and Crossing of bees.....	762
Breeding out the swarming habit.....	454, 549, 712, 728
Brightening dark honey.....	759
Brightening bee.....	299
Brightening hives with combs.....	396
British comments.....	342
Brood and honey crowding.....	301
Brood-chambers.....	671
Brood chambers—form and size.....	439, 633, 657
Brood-combs—size of.....	178
Brood-foundation.....	578
Brown Dr. J. P. H.....	244
Brown German bees.....	87
Brushing off bees.....	157
Buckbush honey.....	31
Buckheat.....	54, 426, 551, 656
Buckwheat swarms.....	589
Bull and the bees.....	703
Burn sugar.....	486
Buying bees in the fall.....	570
Buying foundation in preference to making.....	610
Buying queens.....	470
Buy or make hives—which?.....	813
Caging queens.....	554
Caging queens during a honey-flow.....	558
California bee-story.....	397
Californian honey crop for 1895.....	428, 486, 550, 552
Canada thistle.....	486
Can bees hear?.....	194, 254, 273
Can bees hear bells ringing at swarming-time?.....	427
Candy for bees in winter.....	190, 235, 268, 314, 381, 827
Cane-milk and bees.....	313
Cans for hives.....	4
Capping honey.....	278, 467
Capping with watery appearance.....	379
Carniolan bees.....	117, 126, 186, 187, 302, 363, 381, 448, 551, 554
Carniolan-Italian hybrids.....	546
Carniolans mated with Italians.....	713
Carniolan vs. Italian for honey.....	153
Carrying eggs.....	630
Carrying out brood.....	586
Castor-bean.....	489
Catching an apiary thief.....	739
Cat's-claw.....	86, 280
Cans of honey crop failure.....	621
Cellar-bottoms.....	105
Cellar-wintering of bees.....	74, 81, 84, 87, 163, 225, 240, 286, 3, 7, 315, 357, 443, 768
Cement bottom for bee-cellular.....	688
Ceresin foundation.....	478
Changing frames.....	619
Changing location of hives.....	763
Changing queens.....	506, 511
Chapped hands.....	123
Cheap honey.....	789
Chestnut.....	395
Chrysal. W. A.....	536
Clay-milks and bees.....	570
Civilized bees.....	35, 169
Cleaning up extracting-combs.....	698
Cleaning up combs.....	293
Cleansing wax.....	264
Climatic conditions.....	206
Clipping queen's wings.....	22, 312, 315, 426, 461, 494, 519, 594, 698, 711, 747, 762, 775, 778
Closed end frames.....	522, 793
Clover bloom yielding nothing.....	393
Coal tar and phenol.....	779
Cold and bees.....	667
Colonies in spring.....	54
Color and odor of foundation.....	659
Color of bee-keepers' clothing.....	375
Color of location governing bees.....	21
Comb-building by drones, is it?.....	495
Comb foundation.....	115, 249, 273, 344, 365, 595, 683, 776
Comb honey or extracted?.....	118, 269, 312
Comb honey production.....	17, 30, 101, 146, 182, 228, 265, 294, 614
Combs built down to bottom-bar.....	237, 733
Combs for wintering.....	813
Comparative yields of honey.....	141
Contraction.....	53, 648, 681
Contraction of hives.....	773
Controlling fertilization of queens.....	589
Controlling swarms.....	633
Convention discussions.....	748
CONVENTIONS.	774
Brant, Ont.....	207
Buffalo Co., Nebr.....	289
California.....	214, 791
Eastern Iowa.....	62
Illinois.....	20, 36, 121, 188, 236, 561, 764, 780
International at Atlanta.....	812
Lamar Co., Tex.....	414
Lambton.....	74, 207
Michigan Co.....	126
Los Angeles Co.....	84, 98
Northern America.....	10, 24, 60, 118, 147, 332, 492, 636, 652, 663, 686, 684
Northern Illinois.....	53, 57, 401, 624
Northwestern.....	204, 236
Nova Scotia.....	189
Ontario.....	25, 74, 86, 155, 447
Southeastern Kansas.....	311
Southwestern Wisconsin.....	737
Southwest T. I.	58, 69, 106, 117, 133, 151
Texas.....	313, 651
Utah.....	344, 744
Venango Co., Pa.....	313
Vermont.....	57, 204
Washington.....	273
Co-operation among bee-keepers.....	727, 742
Corcopsis.....	640
Corns and onions.....	45
Corn-tassel.....	395, 507
Cotton-blown.....	507, 576, 636, 671, 687, 713, 794
Cotton-weed.....	490
Cowpea.....	307
Crimson clover.....	105, 107, 192, 270, 478, 516, 511, 583, 591, 571, 590, 600, 606, 622, 662, 702, 726, 742, 792
Crosses the beat.....	382
Croseyed bees.....	717
Cure for cold.....	77
Cut-off board and bee-escape.....	329
Cutting out queen-cells.....	359, 362
Dadant, C. P.....	8
Dampness in bee-repositories.....	121
Dampness injures flowers.....	222
Dark Italian queens.....	574
Dead air space.....	269
Dead bees on the cellar-bottom.....	134
Dead brood that died of starvation.....	510
Death from a bee-sting.....	688
DEATH NOTICES—	
Black, J. B.....	819
Cullinan, Geo. Wm.....	120
Dadant, Mrs. Chas.....	300
Editor's baby.....	58
Freeborn, S. I.....	137
Grimm, Hon. Christopher.....	380
Huck e. John.....	748
Langstroth, Rev. L. L.....	699
Parks, Chas. E.....	504
Poppleton, Mrs. O. O.....	429
Riley, Prof. C. V.....	637
Robson, Mrs. Wm.....	239
Rose Rose.....	121
Tovell, Mark.....	572
Whittlesey, Edmund.....	300
Decaying brood.....	450
Deep-frame wintering of bees.....	407, 588
Deep hives and frame-s. 1, 2, 160, 178, 179, 218, 239, 241	
De Planta, Dr. Adolphus.....	333
Deserting the hives.....	102, 457, 490
Diarrhea or dysentery in bees.....	22, 377
Different makes of foundation.....	84
Difficulties in bee-keeping.....	89
Diving cell-cups.....	234
Diseased bees.....	429
Distance bees go for honey.....	186
Distance swarms fly.....	153
Dividing colonies.....	86, 392, 587, 589, 587
Divisible brood-chambers.....	443, 573, 589
Division-boards.....	7, 71, 315
Do bees freeze or starve?.....	191, 283, 289, 301, 351
Do bees sleep?.....	778
Do a bee's pea in your bonnet (poem).....	245
Double vs. single broad-chamber, and shape vs. ♀ size.....	339, 359, 360
Double vs. single walled hives.....	348
Double-walled hives.....	282
Doubling up colonies.....	120, 601
Dovetails.....	132, 350
Dragging out young bees.....	342
Draining cappings.....	486
Drone comb building.....	429
Drone comb-cutting out.....	542, 567
Drone-eggs.....	222
Drone reared in a queen-cell.....	427
Drones.....	54, 57
Drones for mating.....	683
Drones from virgin queens.....	189, 237
Drunken bees.....	587
Ducks and bees.....	810
Dying of bees.....	22
Early brood-rearing.....	192
Early drones.....	214
Early rising.....	301
Early swarming and swarming out.....	431
Early vs. late queens.....	85, 138
Echo from Canada—historical.....	122
Effect of bad wintering on queens.....	573
Eggs and larvae.....	87
Eight-frame hives worked in two stories.....	827
Eight frames for wintering.....	507
Eight or 10 frame hives.....	55, 89, 133, 170, 205, 431
Emetic or poison.....	77
Empty broad-combs.....	202, 276, 282
Emmetel cloth.....	153
Epileptic fits.....	45
Epilobium.....	714
Equalizing colonies.....	278, 301, 379, 574
Essays at conventions.....	9, 115, 141, 214, 242
Eucalyptus and its honey.....	89, 462
Evaporating honey.....	239
Exchanging larvae in queen-rearing.....	234
Excluders—queens getting through.....	428
Experiences in bee-keeping.....	14, 52, 137, 147, 788
160, 232, 274, 353	
Experimenting.....	667

Experiment station work.....	84, 264, 681, 688
Extra comb building.....	506
Extra combs in spring.....	462
Extracted honey production.....	1, 33, 83, 166, 186, 246, 293, 357, 395
Extracted vs. comb honey.....	453
Extracting combs.....	138
Extracting from the brood-chamber.....	489
Extracting honey.....	181, 187, 221, 326, 385, 974, 980, 406
Extra-large colonies.....	173
Eye of a bee.....	508, 550
Facing the hives.....	187, 431
Falling queen.....	429
Falling trees.....	45
Fall feeding.....	554
Fall management of bees.....	508
False indigo.....	401
False pennyroyal.....	577
Farmers' institutes and bee-keeping.....	25, 71, 365, 745
Fastening foundation.....	25, 71, 365, 745
Father Langstroth and the movable-frame.....	300
Feeders.....	202, 211
Feeding and feeders.....	118, 137, 167, 186, 217, 253, 258, 275, 281, 301, 363, 381, 387, 413, 442, 632
Feeding back.....	41, 53, 222, 295, 538, 885
Feeding bees in a greenhouse.....	134
Feeding for winter.....	667
Feeding in spring.....	9, 311
Feeding in winter.....	7, 22, 766
Feeding pollen.....	552
Feeding the queen.....	379
Fertilization of the peach.....	609
Fighting hybrids.....	569
Film on the eye.....	7
Finding black queens.....	251
Five-banded bees.....	167, 352, 731
Five-banded queen and black drone.....	538
Five-frame hives.....	422
We representative bee-women.....	565
Flag, the (magazine).....	423
Flagstaff, (E. T.) and his apairy.....	304
Flavor of honey—will boiling water temperature destroy it?.....	631, 827
Flavor of liquid candied honey.....	723
Flax.....	394, 464, 465, 486
Flour pollen.....	102
Flying bees in winter.....	118
Folding sections.....	33, 411, 478
Followers.....	390
Form of hive.....	397
Forty foreign conventions.....	716
Foul brood.....	89, 100, 138, 153, 174, 208, 215, 237, 268, 285, 325, 359, 392, 411, 426, 450, 457, 461, 509, 528, 531, 590, 623, 706, 762, 766, 791
Foul-broody hives.....	103, 187, 248
Foundation from foul-broody combs.....	84
Foundation in sections and brood-frames.....	71, 171
Foundation rejected by bees.....	717
Foundation without side-walls.....	795
Frames and spacers.....	813
Frames crosswise of the entrance.....	522
Frames or hives—which shall we handle?.....	344
Freaks and eccentricities in bees.....	758
Freight rates on hives, etc.....	314, 316, 380, 597
French bee-keepers' union.....	438
Frosts in Florida.....	23
Frozen flesh.....	61
Full of wonders.....	746
Full pound sections.....	37
Fumigating foundation.....	82
Fumigating combs.....	599, 729
Fumigating torches.....	4
Fusing with bees.....	414
Future of bee-keeping.....	86, 121, 253
Gall stones.....	77
Gallup frames.....	14
Gathering honey.....	457, 486
German bees.....	191
Getting bees into supers or sections.....	219, 474, 506, 523
Getting bees off extracting-combs.....	525
Getting colonies strong early.....	782
Getting honey from box-hives.....	570
Getting queers to go up.....	713
"Giant bee of India".....	168, 221, 270, 349
Given foundation.....	205
Giving sections in the fall.....	649
Going into the bee-business.....	571
Going blind.....	722
Golden Italian bees.....	10, 132, 442, 640
Golden, J. A.....	230
Golden-queens.....	344
Golden-rod.....	586, 640
Golden-rod honey.....	31
Golden vs. leather-colored bees.....	794
Good queens.....	469, 526
Grading comb honey.....	265
Grafting-wax.....	37
Granulated honey for winter feeding.....	22
Granulated honey in combs.....	329, 714
Granulated sugar.....	285
Grape-juice for bees.....	426
Grass in front of hives.....	509
Great bee-hive.....	72
Gripe.....	158
Grubs in bees.....	111
Habits of bees.....	184
Half-mile of eggs.....	25
Hand-barrow.....	248
Handling bees.....	206, 335, 346
Handling bees in cold weather.....	65, 188, 253
Hans Schnitzel and the giant bees.....	405
Headache causes.....	371
Healthfulness of honey.....	41
Health—money—bees.....	298
Hearing of bees.....	752
Heddon hive patent.....	239
Hemp as a honey-plant.....	730
High grade hybrid bees.....	567
High-priced products of the apiary.....	121
Historical.....	122, 167, 189
Hive construction.....	18
Hive-covers.....	9, 50, 94, 326, 335, 472, 496
Hive for wintering.....	393, 398, 509
Hive making by hand.....	779
Hive-roofs.....	664
Hives for farmers.....	747, 774
Hives, frames, etc.	30, 36, 37, 51, 82, 97, 102, 105, 115, 119, 148, 201, 246, 289, 296, 359, 539, 784, 817
Hives where bees died.....	393
Hiving a swarm under the parent colony.....	682
Hiving bees or swarms.....	54, 71, 160, 171, 199, 361, 437
Hoarhound.....	538
Hoffman frames.....	51, 118, 217
Home-made conveniences.....	233
Home-made foundation.....	616, 634, 663
Honey and beeswax in France.....	573
Honey as a cosmetic.....	813
Honey as a preventive of diphtheria.....	311
Honey as food and medicine.....	795
Honey—a talk for beginners.....	542
Honey-barrels painted inside.....	810
Honey-bee concert.....	41, 90
Honey-bee is it indigenous to this country?.....	701
Honey commission-men and prices.....	700, 716, 743, 758
Honey-dew.....	125, 130, 236, 239, 305, 329, 343, 434, 454, 554
Honey-extractors.....	50
Honey for brain work.....	154
Honey for inflamed eyes or eyelids.....	428
Honey for preserves and children.....	64
Honey for the complexion.....	588
Honey from the brood-chamber.....	410
Honey-houses for out-apiaries.....	155
Honey in the brood-chamber.....	573
Honey-locust.....	330, 359
Honey or butter—which?.....	242
Honey-pilferers.....	320
Honey-plants.....	20, 37, 39, 54, 70, 103, 136, 153, 197, 574
Honey-prices.....	771
Honey producers and apicultural organizations.....	538
Honey-producing flora.....	330
Honey-sac.....	666
Honey-sac on a carriage.....	136
Honey-salve.....	280
Honey started by new swarms.....	745
Honey-tanks.....	186
Honey-thieves.....	778
Honey to produce one pound of bees.....	203, 217
Honey vinegar.....	396, 428, 470, 775
Honey vs. butter.....	72
Honey vs. sugar.....	750
Horticulture and medicine.....	685
Houze-apiaries.....	264
How far bees travel for forage.....	507
How many colonies in one place?.....	54, 233
How many brood in a frame?.....	2
How to know wild flowers.....	495
How to make the garden pay.....	590
Humble-bee and honey-bee battle.....	545
Humble of the bees in spring.....	341
Hunting wild bees.....	697, 774
Ignorance in the name of science.....	398
Illinois experiments.....	428
Illinois State Fair.....	172
Illinois State members' reports.....	415
Ill-shaped comb building.....	469
Immature bees.....	205, 421
Importing bumble-bees into Australia.....	490
Improved bees.....	289, 311
Improving bees cheaply.....	486
Improving the winter months.....	774
In-breeding of bees.....	205, 421
Increase—getting it.....	134, 146, 201, 392, 394, 410, 507
Increasing colonies rapidly.....	328
Increasing the honey-flow.....	21
Increasing the honey-resources.....	674
Indigestion.....	45
Intelligence conveyed by bees.....	312
Intense bee-culture of the future.....	183
International Bee-Keepers Congress.....	553
Introducing cage—Aspinwall's.....	443
Introducing clipped queens.....	363
Introducing queens.....	19, 171, 329, 425, 441, 470, 503, 506, 605, 645
Introduction to botany.....	713
Inventor of the movable-frame hive.....	462
Irrigated land for bee-keeping.....	153
Ironing-pad.....	72
Italian bee-history.....	68, 150, 629
Italian bee-poetry.....	635
Italian bees.....	379
Italian droves.....	457
Italizing.....	298, 347, 541, 553, 637, 745
Italian queen and purely-mated Italian queen.....	378
Italian vs. native bees.....	312
Judging bees.....	367
Judging honey at Fairs.....	447, 519
Keeping a hive-record.....	702
Keeping bees in a garrett.....	218
Keeping bees on shares.....	667
Keeping drones out of the sections.....	506
Keeping empty combs.....	503, 551, 582, 584, 616, 631, 702, 710
Keeping extracted honey liquid.....	236, 670
Keeping fertile queens in nuclei.....	116
Keeping grass off the lawn.....	61
Keeping honey-place for.....	414
Keeping honey-sacs separate.....	509
Keeping partly-filled brood-frames in winter.....	811
Keeping qualities of honey.....	776, 809
Keeping queens.....	186
Keep queens laying.....	443
Kegs and barrels for honey.....	813
Killing bees.....	439
Killing bees instead of wintering.....	68, 297, 455
Killing off the drones.....	441
Kind words.....	525
Kingbirds and bees.....	401, 455, 481, 504, 553, 582, 616, 671
Krainer or Carniolan.....	683
Label gum or mucilage.....	460
Labrador tea.....	401
Langstroth bee-library.....	765
Langstroth frames—how many for a good colony?.....	782
Langstroth on the honey-bee.....	731
Langstroth reminiscences.....	700, 709, 718, 725, 733, 748
Lare blue flag.....	527
Large colonies for honey.....	622
Large hives.....	631
Large vs. small hives.....	172, 173, 190, 262, 269, 326, 343, 391, 501, 526, 649, 670, 789, 821
Larvae used in queen-rearing.....	571
Late breeding of bees.....	227
Late drones.....	442
Late extracting.....	791
Late reared queens.....	22, 155, 159, 286
Late swarming.....	569
Laying queen flies away.....	377
Laying workers.....	329, 406, 449, 458, 474, 480, 538
Leahy, R. B.....	188
Leather-colored bees.....	38
Leaves for packing.....	218
Légalisation for bee-keepers.....	694
Length of bees' memory.....	570
Leafy drifts.....	195
Letter-carried bees.....	508
Life is too short.....	253
Life of the bee.....	253
Linden honey.....	328, 438
Lining for solar wax-extractors.....	567
Liquifying honey.....	4
Liver tonic.....	77
Liver trouble.....	29
Lengthened life in the bee.....	823
Locating an apiary.....	345
Locating an apiary near a railroad.....	794
Lodging and settling of swarms.....	786
Long distance mailing-cage.....	701
Longevity in bees.....	617, 649
Long live—advantages of.....	431
"Long idea" hive.....	37
Longings for Christ and Home.....	725
Los Angeles market.....	66
Loss in wintering—cause of.....	407
Love's answer.....	725
Lysol for foul brood.....	750, 827
McArthur's bees and bee-forage.....	653
Mailing drones for fertilizing purposes.....	330
Mailing drones with queen.....	299
Mailing queens.....	205, 766
Make the best of circumstances.....	397
Making bees pay.....	201
Making comb from sugar syrup.....	719
Making foundation.....	284, 506
Making foundation and hives.....	395, 634, 663
Zaking the bee another animal.....	295
Management of bees.....	135, 152, 169, 197, 198, 345, 347, 365, 399, 457, 491, 584
Managing bees in Canada.....	331
Managing frames.....	606
Manual for the study of insects.....	456
Manzanita.....	286
Maples for bees.....	271
Marketing honey.....	33, 66, 85, 90, 98, 110, 130, 186, 214, 221, 225, 344, 589, 607, 613, 668, 675, 726, 728, 764, 791, 808, 816
Market quotations.....	368
Marigold.....	687
Mating of queens.....	506
Mental pigeon-holes.....	508
Merrill, D. E.....	173
Mice in hives.....	118
Mice in hives and bee-cellars.....	105, 761
Michigan anti-bee law.....	364
Mignonne.....	528
Migratory bee-keeping.....	131, 289, 461, 503
Miller feeder.....	285
Mineral wool.....	540
Minnesota exhibition.....	732
Minnesota State Fair premium list.....	381
Minnick metal Hoffman frame.....	249
Mission of the bees.....	383
Mistakes of bee-keepers and bee-journals.....	677
Mixed bees.....	395
Mixed journalism.....	188
Model apiary.....	557, 583
Moisture, not cold, kills bees.....	235
Molding combs.....	86
"Monkey work" with bees.....	168, 290
Mortality among bees.....	279
Most interesting part of the Bee Journal.....	403
Most profitable race of bees.....	151
Motherwort.....	687
Moths and butterflies.....	270
Moths, bees and hens.....	105
Mountain laurel honey.....	825
Mountain mint.....	641
Mouth wash for sore throat.....	77
Movable-frame hive in Canada.....	55
Moving and placing bees.....	38
Moving bees.....	22, 114, 254, 319, 554, 558, 810
Moving to the South.....	62, 178
Musk-melon-bloom.....	127
Mushroom test.....	93
Nailing hives.....	131
National flowers.....	588
Nectar secretion.....	69, 471, 541
Nervine.....	522
New breeds of bees.....	362
New or old comb?.....	766
New or old comb for honey or brood-rearing?.....	139
Nomenclature of bee-culture.....	780, 809
Noms-de-plume.....	409
Non-stinging bees.....	681
Non-swarming bees.....	295, 473, 663, 808
North American and the Bee-Keepers' Union.....	431, 444, 541, 559, 563, 633, 646, 790, 793, 795, 797, 807, 811
North American Bee-Keepers' Union.....	525, 710, 757
North Star apairy.....	741
Noisebleed.....	45
Not about bees.....	135
Not all in the kind of hive.....	539
Not consanguinity.....	682
Nuclei from the South.....	335
Nuclei—good results.....	303
Nuclei—wintering without uniting.....	667
Numbering hives.....	634, 666, 726, 729
Number of colonies for a beginner.....	117
Number of colonies for one location.....	92
Number of eggs laid daily by a queen.....	173
Number of frames.....	367
Number of plants.....	361
Old bees for wintering.....	510
Old combs and honey.....	108, 271
Old foundation.....	794
Old hives for swarms.....	334
Old or young bees swarming.....	506
Old sections.....	315
"Ole Waz"—he got it.....	506
Ominous cloud in the horizon.....	231
Open-air feeding.....	222, 253
Opening hives.....	633
Ordering queens.....	171

Ordinance against bee-keeping.....	617	Section-holder rests.....	278	Thick top-bars.....	631
Out-apiaries.....	25, 265	Section-holders.....	53	Three-banded and leather-colored queens.....	601, 650
Out-door wintering.....	251, 310	Sections.....	37, 521, 539	Tiering brood-frames in winter.....	279
Outside clustering of bees.....	167	Sections pulling apart.....	153	Tiering up supers.....	651
Over-ripeness of honey.....	559	Seeds from grafts.....	551	Time and place for everything.....	669
Overstocking.....	370, 437, 471, 576, 687, 790, 823	Self-hivers.....	153	Tin separators.....	306, 326
Oxalis.....	665	Self-hiving bees.....	167	Toads in the apiary.....	778
Packages for extracted honey.....	221, 581, 616, 638	Separate colonies working as one.....	78	Tongue of bees—measuring.....	285
Packing bees for winter.....	171, 554, 616, 624, 729, 763	Separating the wax from the honey.....	248	Top-bar.....	771
Packing bees in the spring.....	44	Separating the wax from the honey, in cappings or in broken combs.....	755	Toronto Industrial Exposition premium list.....	267
Painting hives.....	746, 774	Separators.....	7, 221, 267, 619	Transferred colony departing the hive.....	363
Paint on queen-cages.....	298	Several eggs in a cell.....	411	Transferring bees.....	6, 7, 102, 135, 170, 253, 297, 281, 298, 347, 365, 366, 395, 410, 442, 521, 569, 682, 745
Passageways in brood-combs.....	626	Shade for hives.....	103, 153	Trousers clasp.....	825
Paste for labels.....	8, 385	Shaking bees off combs.....	526	Trying bee-hives.....	406
Patented hives in the United States.....	86, 151	Shallow frames.....	37, 133	T super or section-holders.....	14, 318, 371, 426, 714, 867
Patents.....	85, 377	Shallow vs. deep frames for wintering.....	355	T tins.....	248
Pear blossoms.....	586	Shipful full colonies.....	713	Turning hives around in winter.....	134
Pearl self-impotent.....	350, 433	Side-issue bee-keeping.....	221	Two big nuisances.....	794
Peppermint.....	457, 528	Single story vs. double brood-chamber.....	367	Two colonies in one hive.....	827
Percocating feeder.....	9, 570	Single vs. double-walled hives.....	78, 575	Two queens in a hive.....	378, 393, 441, 776
Phoenicia.....	503, 545	Single-walled hives.....	39	Two-story brood-chambers.....	350, 810
Phenol cure for foul brood.....	706, 734, 823	Size and shape of bees.....	87, 726, 806		
Pinched fingers.....	29	Size of frames for extracted honey.....	246		
Piping of the queen.....	390, 633	Size of hives and frames, etc.	97, 115, 148, 180, 286, 323, 333, 343, 458, 525, 714, 745, 782		
Placing feed in the combs.....	671	Size of Italian bees.....	442		
Placing hives.....	618, 799	Size of sections.....	133		
Planting for honey.....	327, 359, 456, 486, 534	Skep bee-keeping.....	617		
"Pleasant occupation of tending bees".....	317	Skunks.....	736		
Pleurisy-root.....	153	Smoker fuel.....	278		
Poisoned bees.....	523	Smoker hook.....	688		
Pollen substitutes.....	202, 208, 251	Smoking bees.....	174, 205, 390		
Poor seasons.....	72	Smothered bees in moving.....	410		
Poplar honey.....	38, 457	Snake and the bee.....	703		
Poplar sections.....	551	Snow at hive-entrances.....	54, 118		
Popularizing bee-knowledge.....	409	Socialism in bees.....	791		
Potato blossoms.....	473, 496	Something of interest to bee-keepers.....	652		
Preparing bees for winter.....	477, 554, 601, 733	Sorting comb honey.....	796		
Prevention of drones.....	768	Sour honey.....	102		
Prevention of increase.....	96, 183, 297, 315	Sourwood.....	22		
Prevention of sugar syrup granulation.....	667	South American bees.....	283		
Prevention of swarming.....	99, 251, 287, 309, 330, 362, 373, 406, 424, 427, 470, 536, 567	South and Southwest Texas.....	23		
Prickly pear.....	753, 803	Sowing for honey.....	197		
Privet.....	490	Spacing devices.....	682, 710		
Progress and improvement.....	169	Spacing frames.....	251, 262, 286, 422, 570, 637, 710		
Profitable queens.....	285	Spacing tacks for frames.....	286, 317, 375, 389, 471, 480		
Propolis on top-bars and sections.....	118, 153, 167, 191	Spacing wires.....	459		
Prospective and retrospective.....	253	Specialists in bee-keeping.....	270, 473		
Pryal, Wm. A.....	416	Spider-webs about hives.....	441		
Pudding for bee-keepers.....	687	Sprains.....	45		
Pure Italians.....	406	Spraying for swarming.....	248		
Purity of Italian queens.....	574	Springing fruit trees.....	54, 199, 210, 246, 251, 304		
Putting bees out for a flight.....	187	Spreading brood in spring.....	54, 199, 210, 246, 251, 349		
Putting on sections.....	429, 649	Spring deserting of hives.....	317		
Putting on supers.....	297	Spring desertion of bees.....	377, 406		
Puzzling actions of bees.....	619	Spring feeding.....	114, 134, 481		
Queen at hive-entrance.....	538	Spring management of bees.....	262		
Queen-cells—artificial incubation of.....	478	Spring packing of bees.....	733		
Queen-cells at swarming-time.....	441	Spring protection.....	84, 521		
Queen-excluder.....	235	Square hive.....	671		
Queen-excluding honey-board.....	637	Stamping sections of honey.....	124		
Queen laying experience.....	234	Standard dictionary.....	252		
Queen laying on outside of comb.....	233	Starters in sections.....	605		
Queenless bees.....	160, 490	Starters in wired frames.....	187, 569		
Queen or bees, in determining amount of brood.....	368	Starting in bee-keeping.....	117, 586, 697, 729, 761, 784		
Queen—qualities of good ones.....	299	Stealing eggs to rear queens.....	601		
Queen-rearing.....	102, 152, 170, 233, 473, 474, 745	Stimulative feeding.....	54, 84, 134, 230, 263		
Queens and drones eating.....	441	Stinging of bees.....	473, 503		
Queens—cheap vs. good ones.....	342	Stores needed in winter.....	155		
Queens—early ones the best.....	85	Straightening combs.....	202		
Queens going from one story to another.....	670	Strawberry pollination.....	542, 567, 809		
Queens in upper stories.....	649	"Stray Straws".....	509		
Queen's laying capacity.....	186	Strength of bees.....	713		
Queens laying in two stories.....	717	Strong colonies.....	718		
Queen's sting.....	442	Sugar for winter stores.....	632		
Queens stopped laying.....	427	Sugar honey.....	492, 811		
Queen taking wing.....	38	Sugar quality of.....	664		
Queen terms explained.....	601	Sugar syrup for feeding.....	167, 186, 202		
Quilts.....	221	Sugar syrup for wintering.....	506		
Radish.....	529, 551	Sulphur acorns.....	204		
Raising bees and boys.....	576	Summer losses of bees.....	507, 651		
"Raising" honey.....	235	Summer arrangement for sections.....	715		
Rape as a honey-plant.....	701	Supering.....	186		
Raspberry honey.....	305	Superseding queens.....	53, 518		
Rearing brood on sugar syrup.....	51	Supers on swarms.....	442		
Rearing queen-cells.....	541	Superstition.....	733		
Rearing queens.....	170, 171, 264, 312, 394, 424, 461, 491, 586, 606, 638	Surviving queen in united colonies.....	643		
Rearing queens and drones.....	571	Swarm catcher.....	665		
Reasoning of bees.....	824	Swarmed upon the organ.....	428		
Removing filled sections.....	618	Swarm-hive.....	462		
Removing propolis.....	369	Swarming.....	391		
Removing propolis from the hive.....	287	Swarming and facing of hives.....	554		
Rendevous beeswax.....	4, 202, 490, 568, 599, 745, 763	Swarming out.....	430		
Renewing foundation in frames.....	501	Swarming season and theory.....	739		
Renewing queens.....	397	Swarming in a dwelling house.....	474		
Hire for an apiary.....	411	Swarms leaving hives.....	539		
Requisites of a bee-keeper.....	117	Swarms that hived themselves.....	394		
Restless colony.....	119	Sweet clover.....	74, 173, 190, 204, 205, 304, 434, 434, 456, 462, 470, 486, 528, 539, 553, 589, 606, 622, 672, 726, 727, 759, 795, 805, 807, 815		
Reversing brood-frames to prevent swarming.....	427	Sweet clover honey.....	810		
Rheumatism and bee-stings.....	555	Sweet month of roses—June.....	364		
Right of bee-territory.....	711	Sweets that waste.....	173		
Ripe honey for winter and spring.....	701	Syrup pails for honey.....	782		
Ripeness and over-ripeness of honey.....	569	Taking off honey.....	326		
Ripening honey.....	33, 173, 508, 555, 583, 602, 610, 718	Talk about bees.....	302		
Roaches in hives.....	134	Talking back.....	202		
Robber bees and robbing.....	22, 115, 159, 350, 375, 699, 707, 726, 742, 752, 774	Tall hives for wintering and breeding.....	418		
Roofs for hives.....	185	Tanning bees.....	391		
Room for breeding and in harvest.....	795	Taxing bees.....	299, 617, 649		
Royal jelly.....	219, 281	Taylor's (B.) hive and management.....	381		
"Rusty" combs.....	54, 131	Tearing down queen-cells.....	475		
Sacaline.....	113, 154, 289, 285	Telephone in bee-yard.....	481		
Sainfoin (esparcette).....	113, 794	Temperature of cellar.....	359, 515		
Sap-honey instead of honey-dew.....	343	Ter-frame hives.....	634		
Sawdust packing.....	683	"Ten New England blossoms".....	425		
Scald head.....	77	Terrible bees of India.....	332		
Scarlet clover.....	279	Test for beeswax.....	776		
Sealed covers.....	89	Test of purity of queens.....	181, 253		
Sealing heated honey.....	285	Testscope.....	209		
Season of 1894.....	20, 23, 31				
Second-hand square oil-cans.....	701				
Second-hand swarms prevented.....	430				
Secreting beeswax.....	377				
Sectional brood-chambers.....	37				
Section comb foundation.....	826				
Section covers and super lifter.....	34, 89, 130, 241				

Dec. 26.

Correspondents.

Templin, L. J.	159, 224, 408
Theilmann, C.	78, 201, 249, 285
Thomas, C. C.	14
Thomas, E. B.	702, 746
Thompson, F. L.	4, 232, 295, 350, 398, 431, 437, 501, 525, 634, 681, 750, 790, 798
Thurlow, Thos.	67, 407
Tichenor, J. H.	639
Tubbs, G. F.	448
Turnbull, John.	126
Van Blaricum, Carson.	241, 529
VandeVord, Geo. J.	618
Van Wagener, Herbert	J. 320
Victor, W. O.	106
Vinal, Geo. L.	498
Vogel, W.	205
Vogeler, H.	203
Vought, Albert.	351
Vrooman, Alvin.	687
Waggoner, W. E.	170
Wagner, John.	224
Wagner, Miss Minnie,	121
Walker, R. W.	720
Wallace, P. D.	248, 341
Wallmeyer, J. C.	209, 384
Ward, A. W.	399
Ward, Edwin.	401
Ward, H. A.	434
Ward, J. D.	462
Waters & Son, S.	321
Watson, Ebb.	31, 771
Webb, James J.	192, 688,
Webb, Wm.	53
Webber, Jos.	142
Weber, D. B.	450
Webster, A. H.	239
Webster, Geo. W.	593
Wechsler, Matthias.	127
Welch, Jr., John.	320, 372, 497
Wellman, Ariel.	641
Wells, W. C.	189
Wheeler, E. C.	271
Whitcomb, Mrs. J. H.	401
Zinn, C. C.	305, 511, 751

ILLUSTRATIONS.

Abbott, Rev. Emerson T.	17
Aifalfa or lucern.	261
Aislike cover.	197
Axtell, Mrs. Sarah J.	565
Apairy of E. T. Flanagan.	357
Apairy of J. F. McIntyre.	309
Apairy of Wm. Stolley.	805
Barnum, Wm. M.	129
Basswood or linden.	165
Bees working on willow-bloom.	245
Brown, Dr. J. P. H.	277, 695
Chrysler, W. A.	533
Crimson or scarlet clover.	107, 600
Dadant, Chas.	1
Dadant, C. P.	1
De Planta, Dr. Adolphus.	325
Doolittle, G. M.	81
Dovetailed hive.	51
Extracting frame.	181
Flag—The.	423
Foundation fastener.	230
Freeborn, S. I.	127
Golden, J. A.	213
Golden feeder and Miss Flody.	213
Green, J. A.	65
Grimm, Hon. Christopher.	373
Harrison, Mrs. J.	565
Heater, Mrs. J. N.	565
Higginville hive-cover.	146
Hive-weighting device.	229
Holtermann, R. F.	145, 693
Honey-extractors—the first.	2
Hutchinson, W. Z.	145, 598
Japanese buckwheat.	389
Large blue-flag.	518
Langstroth, Rev. L. L.	669
Leahy, R. B.	181
Lewis Co.'s establishment, G. B.	505
McEvoy, Wm. and family.	33, 597
Mason, Dr. A. B.	598
Merrill, D. E.	165
Miller, Dr. C. C.	49, 645
Minnich Metal Hoffman Frame.	249
Morrison dovetail.	36
Newman, Thos. G.	647
"North star" house-apairy.	741
Parks, Chas. E.	501
Pink lady's-slipper.	421
Pryal, W. A.	65
Roease, Rose.	121
Root, A. I.	597
Root, Ernest R.	145
Sacaline.	113
Sainfoin or esparcette.	113
Schnitzel (Hans) and the Giant Bees.	405
Section arrangement.	146
Section press.	229
Sherman, Mrs. Sallie E.	565
Sourwood.	197
Spacing-tacks for frames.	389
Stamineate and pistillate willow-blossoms.	421
Stephens' frame-spacer.	101
Stilson, L. D.	145
Stinging reply.	479

"St. Joe" hive	101
Stone, James A.	17
Surplus honey case lifter.	34
Sweet clover or mellilot.	205, 805
Taylor, B.	615
Taylor, Hon. R. L.	662
Tongue of the honey-bee.	293
True dovetail joint.	51
Whittlesey, Edmund.	293
Wilson, Miss Emma.	565
Winter view of J. S. Scott's apiary.	97
Wood-lily.	485
York, George W.	145

WM. A. SELSER,
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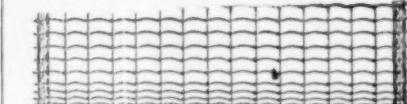
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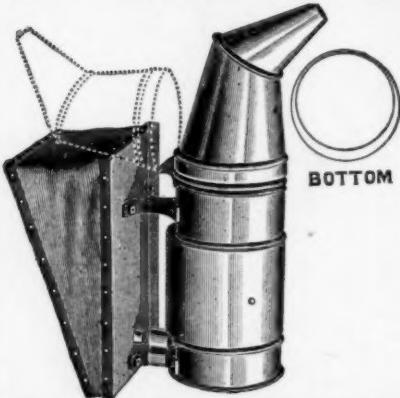
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